PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Dispute for form 1449/PTO the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co	mplete if Known	
Application Number	10/701.860	
Filing Date	05 November 2003	
First Named Inventor	Xu Zhu, et al.	
Art Unit	2812 282	5
Examiner Name	Not-Yet-Assigned	I. ANYA
Attorney Docket Number	DB001092-000	

Examiner	Cite	Document Number	U. S. PATENT D Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No. ¹		MM-DO-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
	-	Number-Kind Code ² (Firmum)			1 198105 7 4 4 4 4 4
	İ	US-			
		US-			•
		US-	1 . 1		·
		US-	1		
		US-			<u> </u>
		US-			†·
		US-			
		US-			
		US-			
		US-			-
		US-			
		US-			-
		US-	 		

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Ţ.
少		WO 01/20948 A2	03-22-2001	Carnegie Mellon		
				University		
						Į
						ļ
						L
						ſ

_				
Examiner Signature	0,-6-	Date Considered	8/	17/04

*EXAMINER: Initial if reference considered, whether or not diation is in conformance with MPEP 609. Draw line through diation if hot in conformance end not considered, include copy of this form with next communication to applicant. Applicant's unique diation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including galhering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.

PTC/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
D. a collection of information unless it contains a valid OMB contains. Under the Paperwork Reduction Act of 1995, no persons are regulard to respond to a

	r form 1449/PTO			Complete if Known
			Application Number	10/701,860
	RMATION DI		Filing Date	05 November 2003
STATI	EMENT BY A	APPLICANT	First Named Inventor	Xu Zhu, et al.
,	Use as many sheets as	necessary)	Art Unit	2812 2825
<u> </u>	·		Examiner Name	Not Yet Assigned T. ANYA
Sheet 2	of	2	Attorney Docket Number	DB001092-000

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS	
Initials*	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
14		KAIGHAM J. GABRIEL, XU ZHU, U.S. Patent Application S.N. 10/349,618 filed 01/23/2003	
·			
		·	

Examiner	Date	
	Date	
Signature C+7000	Considered	1 1111104
	Constacted	1 9 1 1 1 1 1 1

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ant/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEB 2 3 2004 Undlethe Paperwork Reduction Act of 1995, no persons are required to respond to a

stitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	mplete if Known
Application Number	10/701,860
Filing Date	5 November 2003
First Named Inventor	Zhu et al.
Art Unit	Not Yet Assigned 2825
Examiner Name	Not Yet Assigned 2825 Not Yet Assigned 7. ANYA
Attorney Docket Number	D8001092-000

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A		^{US-} 6,262,946	07-17-2001	Kuri-Yakub et al	
T		^{US-} 6,100,477	08-08-2000	Randall et al	
		^{US-} 5,970,315	10-19-1999	Carley et al	
		^{US-} 5,717,631	02-10-1998	Carley et al	
TA		^{US-} 5,658,710	08-19-1997	Neukermanns	
		US-			
		US-			
		US-	<u> </u>		
		US-	 		
		US-			
		US-	-		
		US-	<u> </u>		
		US-	<u> </u>		
		US-			
		US-			

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	<u> </u>	Country Code ³ "Number ⁴ "Kind Code ⁵ (if Imown)	MM-DD-YYYY	1	Or Relevant Figures Appear	T°
IA		WO 94/30030	12-22-1994	The Regents of the University of Ca	e Ifornia	
14		WO 93/19343	09-30-1993	Lynxvale Limited		
	<u> </u>					
						L
			ŀ			

Eventer						
Examiner		Date		10	7	
Signature	(Allendar	Considered		ロイ	104	
*EXAMINER			0	///	/	
-PXAMINER	Initial if reference considered whether as not citation in in conference with sensor con-					_

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Traisation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE he Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known or form 1449/PTO **Application Number** 10/701,860 **TNFORMATION DISCLOSURE Filing Date** 5 November 2003 STATEMENT BY APPLICANT **First Named Inventor** Zhu et al. Art Unit **Not Yet Assigned** (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned Sheet Attorney Docket Number

DB001092-000

2

of

Examiner

Signature

	1 0	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
1/4		MICHAEL PEDERSEN, WOUTER OLTHUIS and PIET BERGVELD, A Silicon Condenser Microphone with Polyimide Diaphragm and Backplate, Sensors and Actuators A, Elsevier Science, March 2, 1997, pages 97–104.	
1		JOHN J. NEUMANN, JR. and KAIGHAM J. GABRIEL, CMOS-MEMS Membrane for Audio-Frequency Acoustic Acuation, Electrical and Computer Engineering Dept., Carnegie Mellon University, 2001, pages 236–239, XP–002240602.	
,		·	
		·	
			 -

Considered *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.